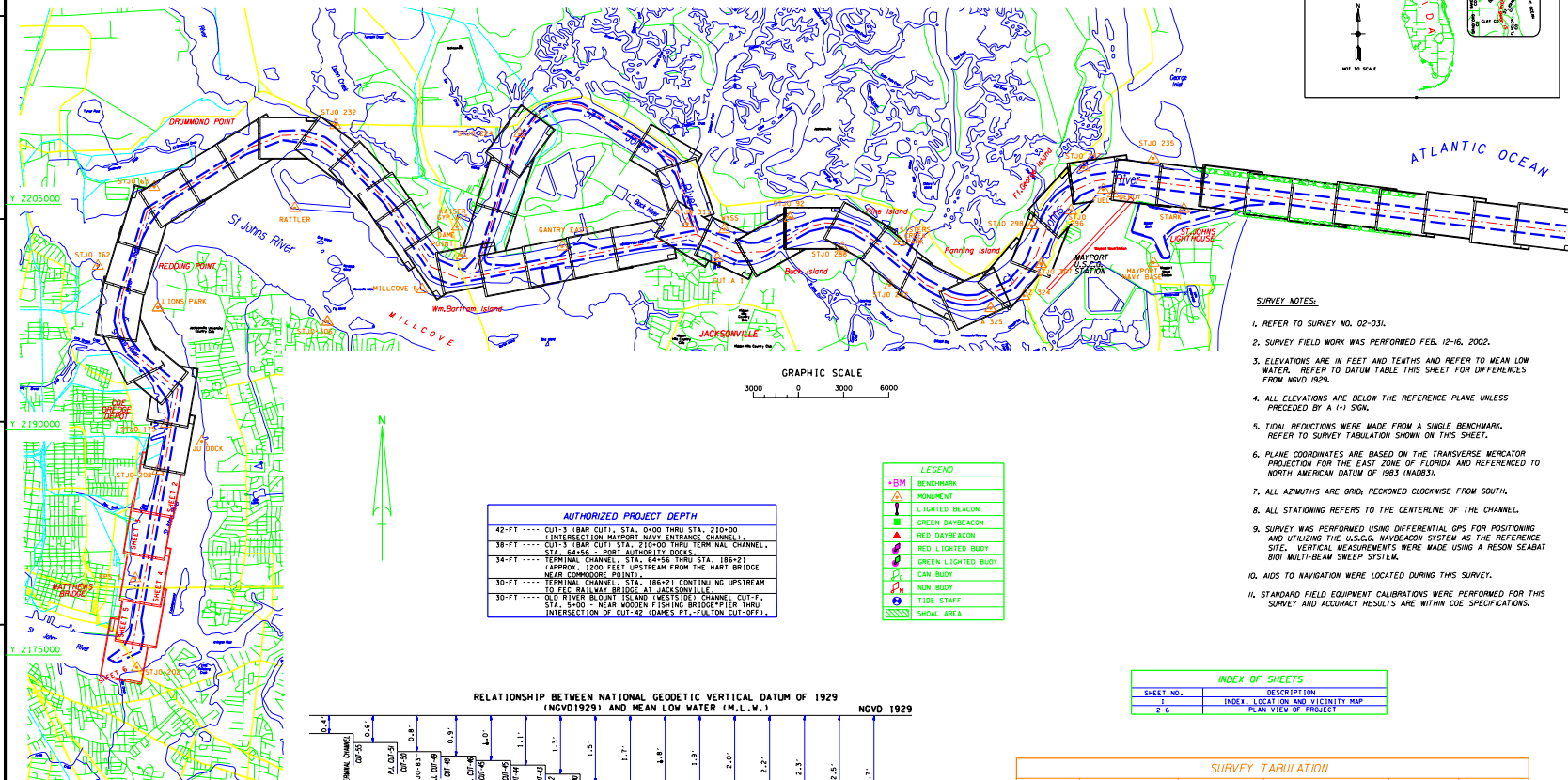










JACKSONVILLE HARBOR, FLORIDA  
UPPER TERMINAL CHANNEL  
34-FOOT PROJECT



1. REFER TO SURVEY NO. 02-031.
2. SURVEY FIELD WORK WAS PERFORMED FEB. 12-16, 2002.
3. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOW WATER. REFER TO DATUM TABLE SHEET FOR DIFFERENCES FROM MGD 1929.
4. ALL ELEVATIONS ARE BELOW THE REFERENCE PLANE UNLESS PRECEDED BY A (+) SIGN.
5. TOTAL REDUCTIONS WERE MADE FROM A SINGLE BENCHMARK. REFER TO SURVEY TABULATION SHOWN ON THIS SHEET.
6. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF THE ZONE 18 AND REFER TO NORTH AMERICAN DATUM OF 1983 (NA83).
7. ALL AZIMUTHS ARE GRID, RECKONED CLOCKWISE FROM SOUTH.
8. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
9. SURVEY WAS PERFORMED USING DIFFERENTIAL GPS FOR POSITIONING AND UTILIZING THE U.S.G.C. NAVSTAR SYSTEM AS THE REFERENCE SITE. VERTICAL MEASUREMENTS WERE MADE USING A RECON SEABAT 1500 ON THE SHEET.
10. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
11. STANDARD FIELD EQUIPMENT CALIBRATIONS WERE PERFORMED FOR THIS SURVEY AND ACCURACY RESULTS ARE WITHIN CGC SPECIFICATIONS.

**AUTHORIZED PROJECT DEPTH**

42-FT ----	CUT-3 (BAR CUT), STA. 0+00 THRU STA. 210+00 INTERSECTION MAYPORT NAVY ENTRANCE CHANNEL
38-FT ----	CUT 1 (BAR CUT), STA. 210+00 THRU STA. 216+00 CUT 4 (BAR CUT), STA. 64+56 - PORT AUTHORITY DOCKS
34-FT ----	TERMINAL CHANNEL, STA. 64+56 THRU STA. 186+21 APPROX. 1200 YD. DOWNSTREAM FROM THE HART BARGE RAMP COMMOORE POINT.
30-FT ----	TERMINAL CHANNEL, STA. 186+21 CONTINUING UPSTREAM TO FEC RAILWAY BRIDGE OVER JACKSONVILLE
30-FT ----	OLD RIVER BLOUNT ISLAND (WESTSIDE) CHANNEL CUT-F, APPROX. 1200 YD. DOWNSTREAM FROM THE HART BARGE RAMP, STA. 242+00 - 242+00 (PLAN CUT-OFF), INTERSECTION OF CUT-2 (DAME) AND CUT-3 (BAR CUT-OFF).

LEGEND	
+BM	BENCHMARK
	MONUMENT
	LIGHTED DAYBEACON
	GREEN DAYBEACON
	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
	CAN BUOY
	NUN BUOY
	TIDE STAFF
	SHOAL AREA

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	INDEX, LOCATION AND VICINITY MAP
2-6	PLAN VIEW OF PROJECT

SURVEY TABULATION					
VESSEL	AREA SURVEYED	DATE SURVEYED	STAFF LOCATION	SURVEY NUMBER	BENCHMARK
C.B. LOW	TERMINAL CHANNEL	9-10 FEB. 02	MEASURE DOWN @ STJO 175	02-031	STJO-175

ABBREVIATIONS	
NGVD	NATIONAL GEODETIC VERTICAL DATUM OF 1929
MLW	MEAN LOW WATER
P. I.	POINT OF INTERSECTION
EL	ELEVATION NGVD (FEET)
DNR	FLORIDA DEPARTMENT OF NATURAL RESOURCES
STA	STATION
IW	INTRACOASTAL WATERWAY
NCS	NATIONAL GEODETIC SURVEY

[illegible]

NOTES:  
1. REFER TO SURVEY NO. 02-031.  
2. SEE SHEET 1 FOR NOTES.



US Army Corps  
of Engineers  
Jacksonville District

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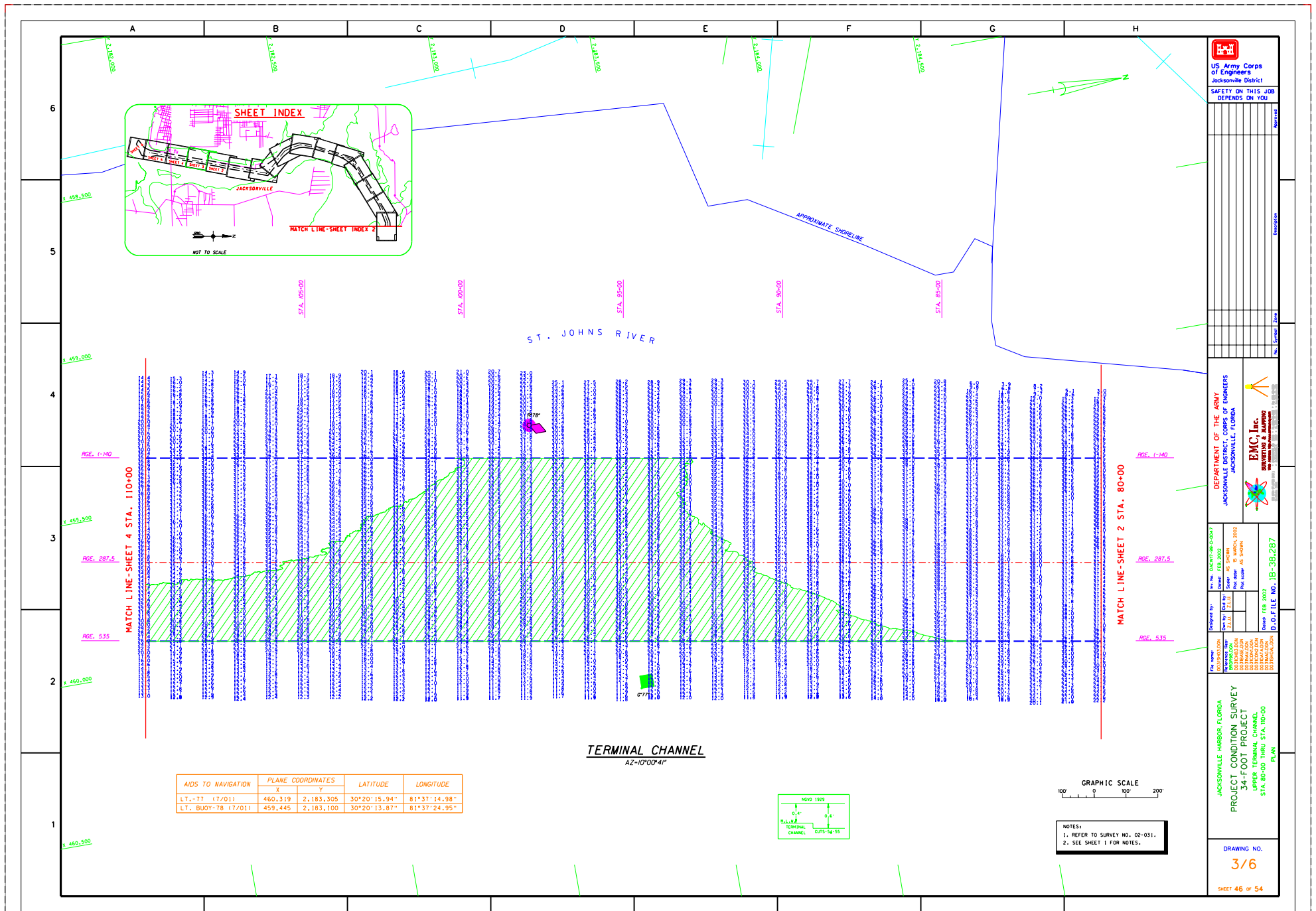
DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

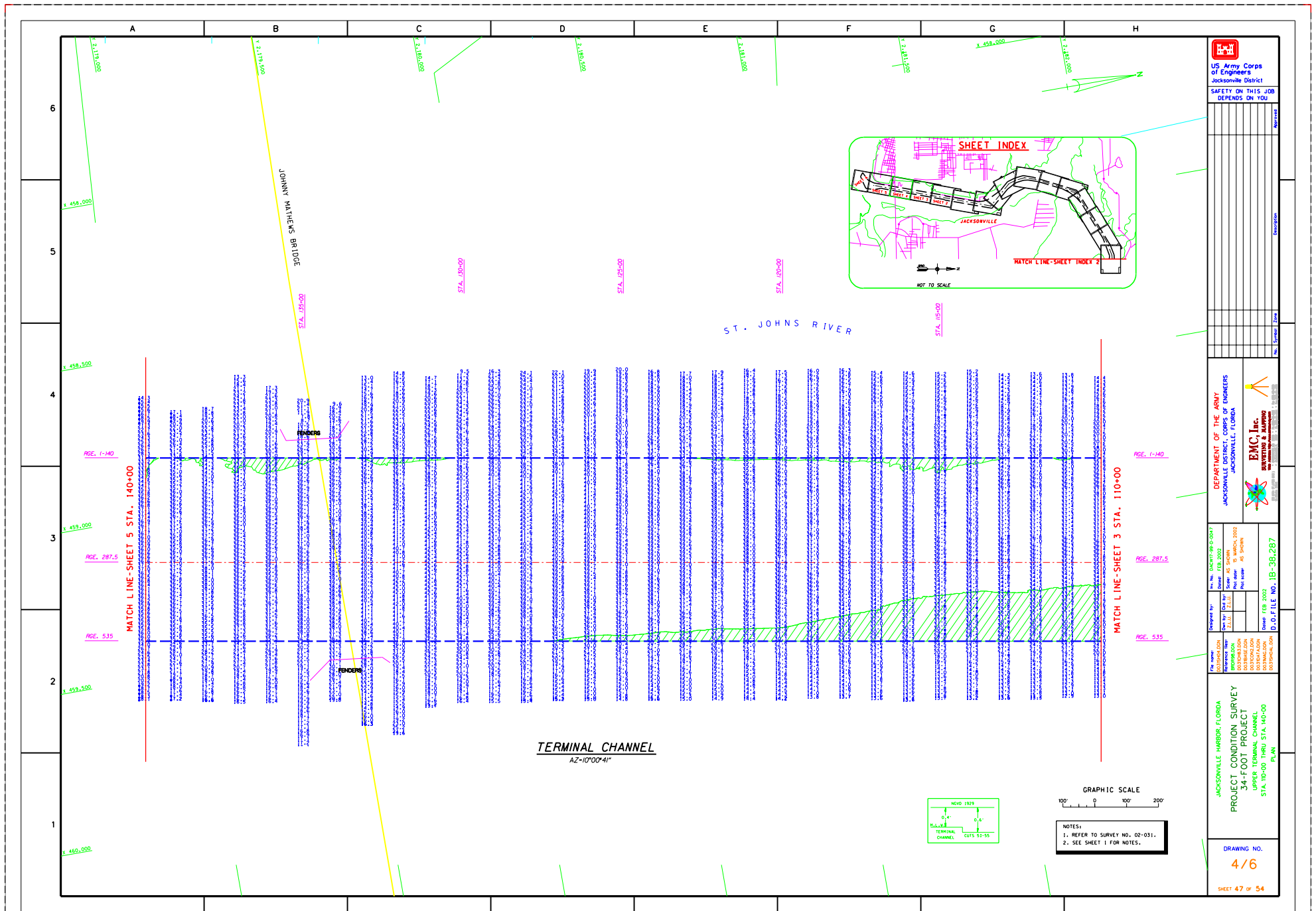

**EMC, Inc.**  
 SURVEYING & MAPPING  
 Web Address: <http://www.emc-survey.com>

JACKSONVILLE HARBOR, FLORIDA  
PROJECT CONDITION SURVEY  
34-FOOT PROJECT  
UPPER TERMINAL CHANNEL  
COVER, INDEX AND PLAN SHEET  
PLAN

DRAWING NO.  
1/6  
SHEET 1 OF 54







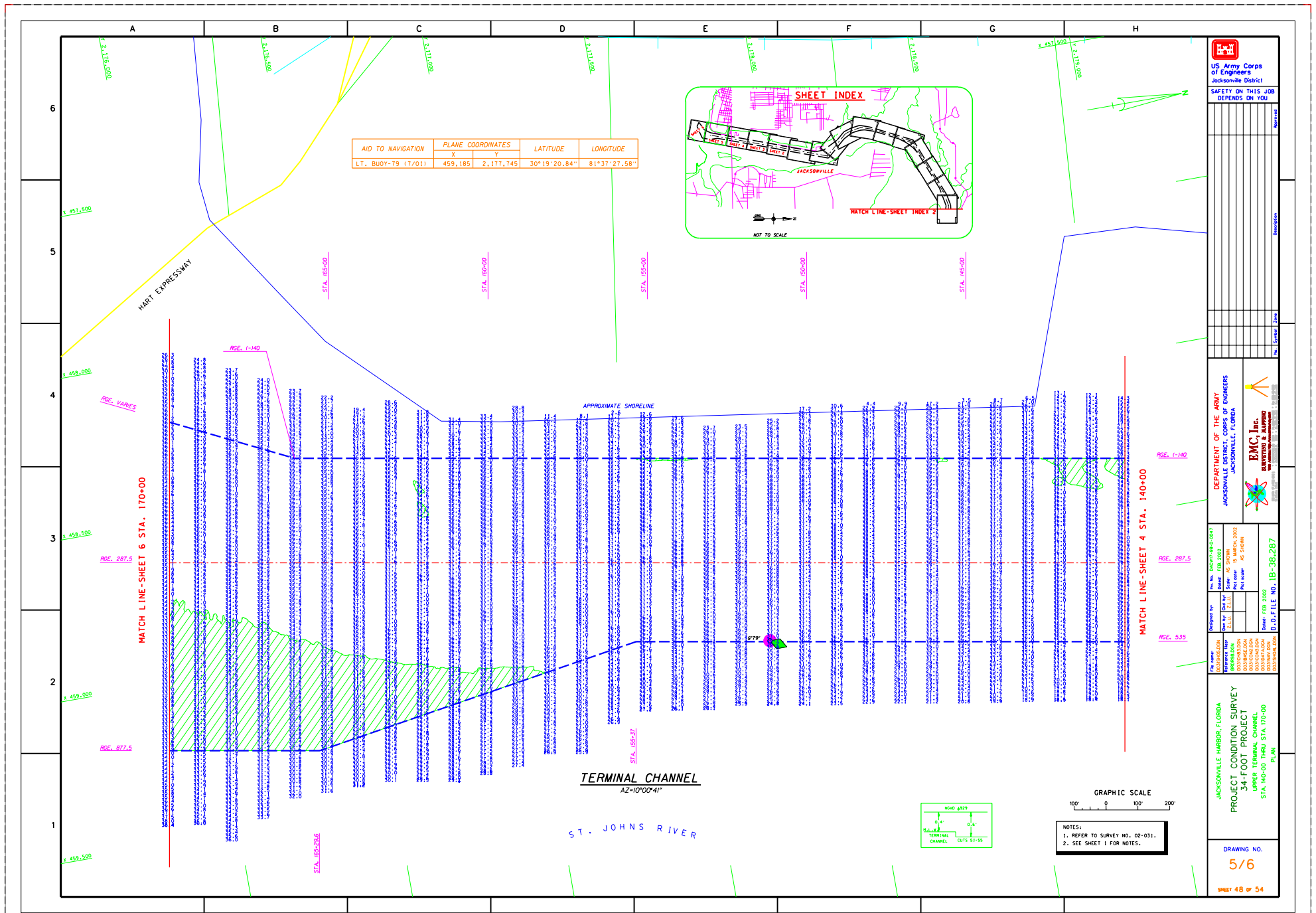
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JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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Project: JACKSONVILLE HARBOR, FLORIDA  
PROJECT CONDITION SURVEY  
34-FOOT PROJECT  
SPUR CHANNEL  
STA. 110+00 TO STA. 140+00  
PLAN

DRAWING NO.  
4/6  
SHEET 47 OF 54



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JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

**EMC, Inc.**  
ENGINEERING & MANAGEMENT CONSULTANTS

Drawn by: J. L. JONES  
Checked by: J. L. JONES  
Scale: AS SHOWN  
Date: FEB 2002  
Project: JACKSONVILLE HARBOR  
Drawing: 34-FOOT PROJECT  
Terminal Channel  
Sta 170+00 To Sta 140+00  
Plan

D.O.F. FILE NO. 1B-38,287



